

16569 U.S. PTO  
020904

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

|                        |   |
|------------------------|---|
| Attorney Docket No.    | GS-121029-4 (383)                                   |
| First Inventor         | Samuel R. Mollet                                    |
| Title                  | REMOTE MONITORING OF RAIL LINE<br>WAYSIDE EQUIPMENT |
| Express Mail Label No. | EL 975115939 US                                     |

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

## ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
- ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
- ☒ Specification [Total Pages 19]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
- Oath or Declaration [Total Sheets 3]
  - ☒ Newly executed (original or copy)
  - ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
  - ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - ☐ Computer Readable Form (CRF)
  - Specification Sequence Listing on:
    - ☐ CD-ROM or CD-R (2 copies); or
    - ☐ Paper
  - ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
- ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: 10/173,491

Prior application information:

Examiner Robert J. McCarry, Jr.

Art Unit: 3617

For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number: 29391 OR ☐ Correspondence address below

Name

Address

City

State

Zip Code

32708

Country

USA

Telephone

407-926-7704

Fax

407-926-7720

Name (Print/Type)

David G. Maire, Esquire

Registration No. (Attorney/Agent)

34,865

Signature

David G. Maire

Date

2/9/04

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

00727 U.S. PTO  
10/774967

020904

**FEE TRANSMITTAL  
for FY 2000**

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT (\$)** 1,140.00**Complete if Known**

|                      |                       |
|----------------------|-----------------------|
| Application Number   | Not Assigned          |
| Filing Date          | Simultaneous Herewith |
| First Named Inventor | Samuel R. Mollet      |
| Examiner Name        | Not Assigned          |
| Group Art Unit       | Not Assigned          |
| Attorney Docket No.  | GS-121029-4 (383)     |

**METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **50-2145**  
Deposit Account Name **Global Signaling LLC**

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description        | Fee Paid |
|--------------|--------------|----------|----------|------------------------|----------|
| 101          | 690          | 201      | 345      | Utility filing fee     | 770.00   |
| 106          | 310          | 206      | 155      | Design filing fee      |          |
| 107          | 480          | 207      | 240      | Plant filing fee       |          |
| 108          | 690          | 208      | 345      | Reissue filing fee     |          |
| 114          | 150          | 214      | 75       | Provisional filing fee |          |

**SUBTOTAL (1) (\$)** 770.00**2. EXTRA CLAIM FEES**

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 31                 | -20** = 11   | X 18.00        | = 198.00 |
| 5                  | -3** = 2     | X 86.00        | = 172.00 |
| Multiple Dependent |              |                |          |

\*\*or number previously paid, if greater; For Reissues, see below

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description  |
|--------------|--------------|----------|----------|--|
| 103          | 18           | 203      | 9        | Claims in excess of 20                                     |
| 102          | 78           | 202      | 39       | Independent claims in excess of 3                          |
| 104          | 260          | 204      | 130      | Multiple dependent claim, if not paid                      |
| 109          | 78           | 209      | 39       | ** Reissue independent claims over original patent         |
| 110          | 18           | 210      | 9        | ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2) (\$)** 370.00**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description  | Fee Paid |
|--------------|--------------|----------|----------|--|----------|
| 105          | 130          | 205      | 65       | Surcharge - late filing fee or oath  |          |
| 127          | 50           | 227      | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139          | 130          | 139      | 130      | Non-English specification  |          |
| 147          | 2,520        | 147      | 2,520    | For filing a request for <i>ex parte</i> reexamination                     |          |
| 112          | 920*         | 112      | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 113          | 1,840*       | 113      | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 115          | 110          | 215      | 55       | Extension for reply within first month                                     |          |
| 116          | 380          | 216      | 190      | Extension for reply within second month                                    |          |
| 117          | 870          | 217      | 435      | Extension for reply within third month                                     |          |
| 118          | 1,360        | 218      | 680      | Extension for reply within fourth month                                    |          |
| 128          | 1,850        | 228      | 925      | Extension for reply within fifth month                                     |          |
| 119          | 300          | 219      | 150      | Notice of Appeal   |          |
| 120          | 300          | 220      | 150      | Filing a brief in support of an appeal                                     |          |
| 121          | 260          | 221      | 130      | Request for oral hearing   |          |
| 138          | 1,510        | 138      | 1,510    | Petition to institute a public use proceeding                              |          |
| 140          | 110          | 240      | 55       | Petition to revive - unavoidable   |          |
| 141          | 1,210        | 241      | 605      | Petition to revive - unintentional   |          |
| 142          | 1,210        | 242      | 605      | Utility issue fee (or reissue)   |          |
| 143          | 430          | 243      | 215      | Design issue fee   |          |
| 144          | 580          | 244      | 290      | Plant issue fee  |          |
| 122          | 130          | 122      | 130      | Petitions to the Commissioner  |          |
| 123          | 50           | 123      | 50       | Petitions related to provisional applications                              |          |
| 126          | 240          | 126      | 240      | Submission of Information Disclosure Stmt                                  |          |
| 581          | 40           | 581      | 40       | Recording each patent assignment per property (times number of properties) |          |
| 146          | 690          | 246      | 345      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149          | 690          | 249      | 345      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179          | 690          | 279      | 345      | Request for Continued Examination (RCE)                                    |          |
| 169          | 900          | 169      | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)** 0**SUBMITTED BY**

|                   |                |                                   |          |           |              |
|-------------------|----------------|-----------------------------------|----------|-----------|--------------|
| Name (Print/Type) | David G. Maire | Registration No. (Attorney/Agent) | 34,865   | Telephone | 407-926-7704 |
| Signature         | David G. Maire | Date                              | 2/9/2004 |           |              |

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Application of

Applicants: Samuel R. Mollet, et al  
Application No.: Not Yet Assigned  
Filing Date: Simultaneous Herewith  
For: REMOTE MONITORING OF RAIL LINE  
WAYSIDE EQUIPMENT

Mail Stop Patent Applications  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**EXPRESS MAIL # EL 975115939 US**

**Date of Deposit: February 9, 2004**

I hereby certify that the attached patent application, formal papers, and drawings were deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Applications, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,



David G. Maire, Esq.  
Beusse Brownlee Wolter Mora & Maire, P.A.  
390 N. Orange Avenue, Ste. 2500  
Orlando, FL 32801  
(407) 926-7704